



UNM LEARN

M David Kirby 2 ▼

[Course Home](#) [Module 1](#) **Take Test: Quiz 1.3**

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Test Information

Description

Instructions

Multiple Attempts This test allows multiple attempts.

Force Completion This test can be saved and resumed later.

QUESTION 1

1 points

Saved

Which best describes the function of sensors in a control system?

- ☐ They apply forces or torques to the physical system.
- ☐ They are the underlying physical system.
- ☐ They convert signals to digital, do computation on the signal, and then convert it to analog.
- ☒ They measure system behavior.

QUESTION 2

1 points

Saved

Which best describes the function of actuators in a control system?

- ☐ They are the underlying physical system.
- ☒ They apply forces or torques to the physical system.

- ☐ They measure system behavior.
- ☐ They convert signals to digital, do computation on the signal, and then convert it to analog.

🚩 Question Completion Status:



Which best describes the function of the plant in a control system?

- ☐ It applies forces or torques to the physical system.
- ☐ It converts signals to digital, do computation on the signal, and then convert it to analog.
- ☒ It is the underlying physical system.
- ☐ It measures system behavior.

QUESTION 4

1 points

Saved

Which of following characterizes the plant, actuator, and sensor for an elevator?

- ☒ The plant is the elevator; the actuators are the motors that move the elevator; the sensors are Hall-effect devices that determine distance away from each floor.
- ☐ The plant are the doors to the elevator; the actuator is the emergency call button; the sensors are the floor number buttons.
- ☐ The plant is the elevator; the actuators are the floor number buttons; the sensors are the door opening system.
- ☐ The plant is the elevator; the actuators are Hall-effect devices that determine distance away from each floor; the sensors are the floor number buttons.

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers

Save and Submit